

# Leverage Discovery

## Package: Firewall rule discovery via CiscoWorks

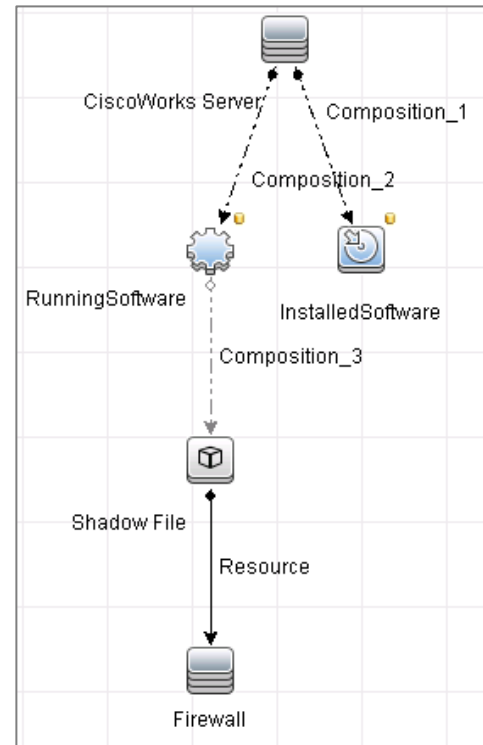
This package uses CiscoWorks RME to track firewall rule changes.

It uses PowerShell or native WMI to first identify the existence of RME servers. Then using PowerShell with Spiral Discovery, it provides coverage for firewall rule changes.

After running this package you can identify the nodes that are firewalls, which is an expected gap in standard discovery since firewalls are intentionally hidden. You also have dates: a timestamp when the initial firewall backup was done (usually indicating the standup date) and then a timestamp when the latest change occurred. Combining this package with other discovery jobs can provide impact at the Application and Service levels for Networking.

Sample results from running this package:

CI Model:



CiscoWorks shadow topology

Display Label	DocumentCreateTime	DocumentLastUpdateTime
w [redacted] 03		
CiscoWorks		
CiscoWorks		
[redacted] fw01	Wed Feb 10 2010 11:10 PM EST	Wed May 4 2011 10:39 AM EDT
[redacted] fw01	Mon Feb 8 2010 08:47 AM EST	Wed Sep 22 2010 11:04 PM EDT
[redacted] fwdc01	Mon Feb 8 2010 07:51 AM EST	Fri Mar 18 2011 11:33 PM EDT
[redacted] fwdc01	Mon Feb 8 2010 08:19 AM EST	Thu May 5 2011 11:19 PM EDT
[redacted] fwdc01	Wed Feb 10 2010 10:44 PM EST	Thu May 20 2010 11:21 PM EDT
[redacted] fwdc01	Fri Feb 19 2010 02:37 AM EST	Thu Feb 17 2011 11:43 PM EST
[redacted] fw01	Wed Feb 10 2010 11:03 PM EST	Fri May 6 2011 10:54 PM EDT
[redacted] fw01-p	Tue May 25 2010 10:50 PM EDT	Wed May 4 2011 10:47 PM EDT
[redacted] fw01-s	Tue May 25 2010 11:31 PM EDT	Wed May 4 2011 11:24 PM EDT
[redacted] fwdc01	Wed Feb 10 2010 11:05 PM EST	Thu Apr 14 2011 10:44 PM EDT
[redacted] fwdr01	Sun Feb 21 2010 11:10 PM EST	Tue Apr 5 2011 11:21 PM EDT
[redacted] fwdr02	Wed Feb 10 2010 10:53 PM EST	Thu Apr 14 2011 10:47 PM EDT
[redacted] fwvpn01	Wed Feb 10 2010 10:58 PM EST	Thu May 5 2011 10:47 PM EDT
[redacted] fwdc01	Thu May 27 2010 12:36 PM EDT	Thu Sep 23 2010 10:59 PM EDT
[redacted] fwdc01	Wed Feb 10 2010 10:41 PM EST	Thu Apr 28 2011 11:13 PM EDT
[redacted] fw01	Thu Oct 7 2010 08:49 AM EDT	Sun May 1 2011 10:55 PM EDT
[redacted] fw01	Mon Feb 8 2010 07:54 AM EST	Thu May 20 2010 11:41 PM EDT
[redacted] fw01	Fri May 21 2010 12:17 AM EDT	Sat May 7 2011 12:13 AM EDT
[redacted] fwdc01	Mon Feb 8 2010 08:00 AM EST	Fri May 10 2010 08:00 AM EST

Support matrix:

<b>CiscoWorks</b>	<b>Resource Manager Essentials</b>	<b>OS platform</b>	<b>DDM 9.02</b>	<b>DDM 9.04</b>
LMS version 3.2	RME version 4.3.1	Windows 2003	✓	✓

The following mark designates which DDM versions were validated: ✓

For more information please contact Leverage Discovery:

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